

Jyota Snyder

jyota@integrated.pro • (206) 218-4964 • Bellevue, WA

LinkedIn: www.linkedin.com/in/jyota • Github: github.com/jyota

Technical skills

Programming languages

Python, SQL (PostgreSQL, MySQL), Javascript

Web development frameworks

Python: Django, Pyramid with Cornice, Flask

Javascript: Node.js with Express, AngularJS, React

Cloud, build, & virtualization technologies

AWS services (EC2, S3, RDS, VPCs/networking, etc), containerization with Docker, Jenkins, Terraform, nginx

Other

Testing frameworks: pytest (with tox)

Documentation: Sphinx (for Python), markdown (in git repositories), Confluence

Version control: git (including hosting solutions like Gitlab and Github), TFS

Agile software systems: JIRA, Trello

Experience

The Pokémon Company International - 2019 to present - *Bellevue, WA*

Software engineer

- Implementation of features for www.pokemon.com (involved in both back-end and front-end development)

IHS Markit, Inc. - 2017 to 2019 - *Bellevue, WA*

Sr. software engineer

- Worked on multi-disciplinary teams, including with non-technical stakeholders, to solve complex problems related to delivering content to customers via websites
- Translated business requirements into engineering tasks that were estimated and completed in an Agile software system (JIRA)
- Wrote testable, maintainable, and well-documented code for API-driven services used in multi-tiered, scalable web platforms
- Led development for website used as primary source of delivering information to customers (Django for user-facing app, Pyramid with Cornice for backend APIs, AngularJS and React for frontend Javascript code)

IHS Markit, Inc. (acquired RootMetrics) - 2015 to 2017 - *Bellevue, WA*

Software engineer

- Developed and architected PostgreSQL data warehouse objects and procedures optimized for data reporting purposes

- Added features and made improvements to back-end web APIs for customer facing website (Pyramid with Cornice framework)
- Wrote unit tests for ETL application supporting website using pytest with tox
- Worked closely between engineering and analytics departments to migrate key analytics reports into automated and reliable production-grade implementations for use in website

RootMetrics - 2013 to 2015 - *Bellevue, WA*

Data scientist

- Created web app in Python/Flask used to check for data quality issues
- Programmed complex, accurate ETL and analyses, compiled compelling presentations of analyses, and presented these results internally to colleagues with a wide-range of positions (CEO, engineering management & staff, data quality analysts, field support staff, account managers, etc)

GCG, Inc. - 2011 to 2013 - *Seattle, WA*

Data analyst III

- Wrote C# applications to automate data and file system tasks the team previously handled manually
- Optimized standard data ETL used by the business for years; previously took 2+ hours to process millions of records, developed a new approach that took only ~10 minutes to process the same amount of data
- Developed database structures, stored procedures, and SQL scripts to enable class action lawsuit payouts, mailings, and reporting (Microsoft SQL server)

Freelance Projects

Quarterlab - 2019 - *Portland, OR*

- Implemented web app in Node.js (with Express) to handle converting user input into specific XML format, bundling with user uploaded content files, and submitting via SFTP automatically in compliance with Youtube content submission requirements
- Created revenue and payments web dashboard in Node.js (with Express), used by both Quarterlab internal account administrators and external clients to view accounting data stored in a MySQL database

Certifications

AWS Solutions Architect Associate (2019 - 2022)

Education

Central Connecticut State University - 2011 to 2014

Master of Science, Department of Mathematical Sciences - Data Mining

Florida Atlantic University - 2008 to 2011

Bachelor of Social Work - Summa Cum Laude honors